

Map of Breton Sound Area, Louisiana, showing land parcels, water bodies, and infrastructure. The map includes several labeled areas: BRETON SOUND BLK 18 FIELD, BRETON SOUND AREA, PLAQUEMINES PARISH, and LANGHAM. It features numerous points of interest, including POB (Point of Beginning) and TR (Tract) markers with associated coordinates and acreage. The map is overlaid with a grid system, with labels like SL 1997, SL 2000, and SL 1643. The map is oriented with North at the top. A scale bar is visible in the bottom right corner, indicating a distance of 1 mile. The map is titled MAP NOT TO SCALE in the bottom right corner.

OS NO 1388
BRETON SO

14
♦ 1446
KERR MCGEE
51 6800

TRACT 32226 - PORTION OF BLOCK 19, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 19, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 351,830.00; thence East 14,750.00 feet along the North line of said Block 19 to its Northeast corner having Coordinates of X = 2,679,600.00 and Y = 351,830.00; thence South 7,375.00 feet along the East line of said Block 19 to a point having Coordinates of X = 2,679,600.00 and Y = 344,455.00; thence West 14,750.00 feet to a point on the West line of said Block 19 having Coordinates of X = 2,664,850.00 and Y = 344,455.00; thence North 7,375.00 feet to the point of beginning, containing approximately 2,497.27 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



TR 32226
2,497.27 +ACS.
DEC., 1999

BLOCK 14

P.O.B.
X=2,664,850.00
Y= 351,830.00

BLOCK 18

BLOCK 20

BLOCK 19

BRETON SOUND AREA

PLAQUEMINES PARISH

OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

2000 0 2000 Feet



TRACT 32227 - PORTION OF BLOCK 19, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the West line of Block 19, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 344,455.00; thence East 14,750.00 feet to a point on the East line of said Block 19 having Coordinates of X = 2,679,600.00 and Y = 344,455.00; thence South 7,375.00 feet along said East line to the Southeast corner of said Block 19 having Coordinates of X = 2,679,600.00 and Y = 337,080.00; thence West 11,250.00 feet along the South line of said Block 19 to the Southeast corner of State Lease No. 16443 having Coordinates of X = 2,668,350.00 and Y = 337,080.00; thence with the boundaries of said State Lease No. 16443 the following courses: North 29 degrees 58 minutes 54 seconds East 3,001.67 feet, North 37 degrees 08 minutes 48 seconds West 4,140.05 feet and South 37 degrees 08 minutes 48 seconds West 4,140.05 feet to a point on the West line of said Block 19 having Coordinates of X = 2,664,850.00 and Y = 339,680.00; thence North 4,775.00 feet along said West line to the point of beginning, containing approximately 2,054.21 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



BLOCK 20

BLOCK 29

83

2000 0 2000 Feet

TR 32227
2,054.21 +ACS
DEC., 1999

BLOCK 19

BLOCK 30

BRETON SOUND AREA

PLAQUEMINES PARISH

P.O.B.
X=2,664,850.00
Y= 344,455.00

BLOCK 18

BLOCK 31

OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

S.L. 16443

TRACT 32228 - PORTION OF BLOCK 19, BRETON SOUND AREA, Plaquemines Parish, Louisiana

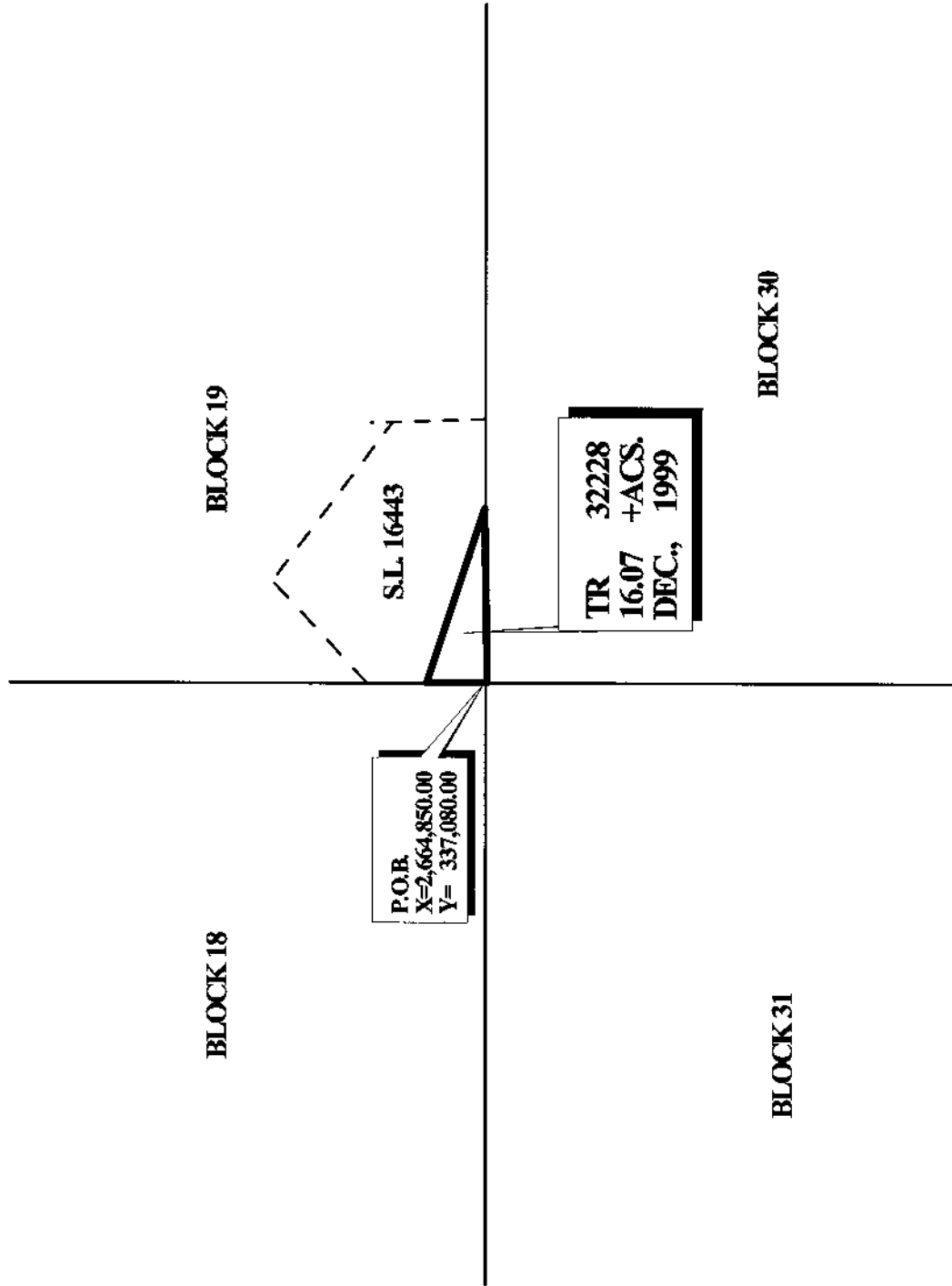
All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Southwest corner of Block 19, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 337,080.00; thence North 700.00 feet along the West line of said Block 19 to the Southwest corner of State Lease No. 16443 having Coordinates of X = 2,664,850.00 and Y = 337,780.00; thence South 70 degrees 42 minutes 36 seconds East 2,118.96 feet along the Southwest boundary of said State Lease No. 16443 to a point on the South line of said Block 19 having Coordinates of X = 2,666,850.00 and Y = 337,080.00; thence West 2,000.00 feet along said South line of said Block 19 to the point of beginning, containing approximately 16.07 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: It appears, according to our records, that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

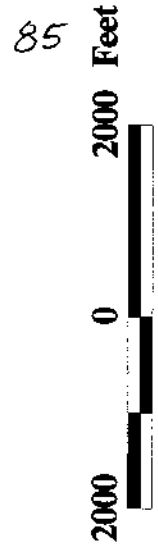
Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

BRETON SOUND AREA
PLAQUEMINES PARISH



TRACT 32229 - PORTION OF BLOCK 30, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 30, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 337,080.00; thence East 10,950.00 feet to the Northwest corner of State Lease No. 16444 having Coordinates of X = 2,675,800.00 and Y = 337,080.00; thence along the boundaries of said State Lease No. 16444 the following courses: South 40 degrees 48 minutes 54 seconds West 2,906.89 feet and South 10 degrees 31 minutes 15 seconds East 5,339.77 feet to the Southwest corner of said State Lease No. 16444 having Coordinates of X = 2,674,875.00 and Y = 329,630.00; thence West 10,025.00 feet to a point on the West line of said Block 30 having Coordinates of X = 2,664,850.00 and Y = 329,630.00; thence North 7,450.00 feet along said West line to the point of beginning, containing approximately 1,654.54 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: It appears, according to our records, that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other

BLOCK 18

BLOCK 19

P.O.B.

X=2,664,850.00

Y= 337,080.00



TR 32229

1,654.54 +ACS.

DEC., 1999

S.L. 16444

BLOCK 30

BLOCK 31

BRETON SOUND AREA

PLAQUEMINES PARISH

OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

2000 0 2000 Feet

87



TRACT 32230 - PORTION OF BLOCK 30, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northeast corner of Block 30, Breton Sound Area, having Coordinates of X = 2,679,600.00 and Y = 337,080.00; thence South 7,450.00 feet along the East line of said Block 30 to a point having Coordinates of X = 2,679,600.00 and Y = 329,630.00; thence West 2,850.00 feet to the Southeast corner of State Lease No. 16444 having Coordinates of X = 2,676,750.00 and Y = 329,630.00; thence North 04 degrees 59 minutes 11 seconds East 7,478.30 feet along the East line of said State Lease No. 16444 to its Northeast corner which lies on the North line of said Block 30 having Coordinates of X = 2,677,400.00 and Y = 337,080.00; thence East 2,200.00 feet along said North line of said Block 30 to the point of beginning, containing approximately 431.85 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: It appears, according to our records, that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



BLOCK 19

BLOCK 20

P.O.B.
X=2,679,600.00
Y= 337,080.00

S.L. 16444

TR 32230
431.85 +ACS.
DEC., 1999

BLOCK 30

BLOCK 29

BRETON SOUND AREA
PLAQUEMINES PARISH

OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

2000 0 2000 Feet

TRACT 32231 - PORTION OF BLOCK 20, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 20, Breton Sound Area, having Coordinates of X = 2,679,600.00 and Y = 351,830.00; thence East 7,350.00 feet along the North line of said Block 20 to a point having Coordinates of X = 2,686,950.00 and Y = 351,830.00; thence South 11,062.50 feet to the Northwest corner of State Lease No. 1997, as amended, having Coordinates of X = 2,686,950.00 and Y = 340,767.50; thence South 3,687.50 feet along the West line of said State Lease No. 1997 to its Southwest corner which lies on the South line of said Block 20 having Coordinates of X = 2,686,950.00 and Y = 337,080.00; thence West 7,350.00 feet to the Southwest corner of said Block 20 having Coordinates of X = 2,679,600.00 and Y = 337,080.00; thence North 14,750.00 feet to the point of beginning, containing approximately **2,488.81 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other

BLOCK 13

P.O.B.
X=2,679,600.00
Y= 351,830.00



TR 32231
2,488.81 +ACS.
DEC., 1999

BLOCK 19

BLOCK 20

S.L. 1997

BLOCK 29

BRETON SOUND AREA

PLAQUEMINES PARISH

BLOCK 30
OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

2000 0 2000 Feet

TRACT 32232 - PORTION OF BLOCK 29, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on December 8, 1999, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 29, Breton Sound Area, having Coordinates of X = 2,679,600.00 and Y = 337,080.00; thence East 7,375.00 feet on the North line of said Block 29 to the most Northerly Northwest corner of State Lease No. 2000, as amended, having Coordinates of X = 2,686,975.00 and Y = 337,080.00; thence on the boundaries of said State Lease No. 2000 the following courses: South 7,375.00 feet, West 4,375.00 feet, South 3,000.00 feet and West 3,000.00 feet to a point on the West line of said Block 29 having Coordinates of X = 2,679,600.00 and Y = 326,705.00; thence North 10,375.00 feet on the West line of said Block 29 to the point of beginning, containing approximately 1,455.25 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

Applicant: Liberty Production Company

Bidder	Cash Payment	Price / Acre	Rental	Oil	Gas	Other



BLOCK 19

BLOCK 20

P.O.B.
X=2,679,600.00
Y= 337,080.00

BLOCK 30

BLOCK 29

TR 32232
1,455.25 +ACS.
DEC., 1999

S. L. 2000

BRETON SOUND AREA

PLAQUEMINES PARISH

OFFICIAL COPY
OFFICE OF MINERAL RESOURCES
DEPT. OF NATURAL RESOURCES
DO NOT REMOVE

2000 0 2000 Feet

